

FIG 1

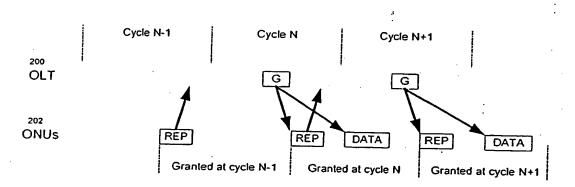
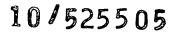


FIG 2



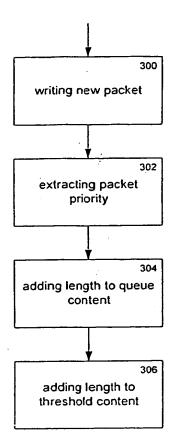


FIG 3

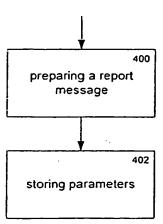


FIG 4

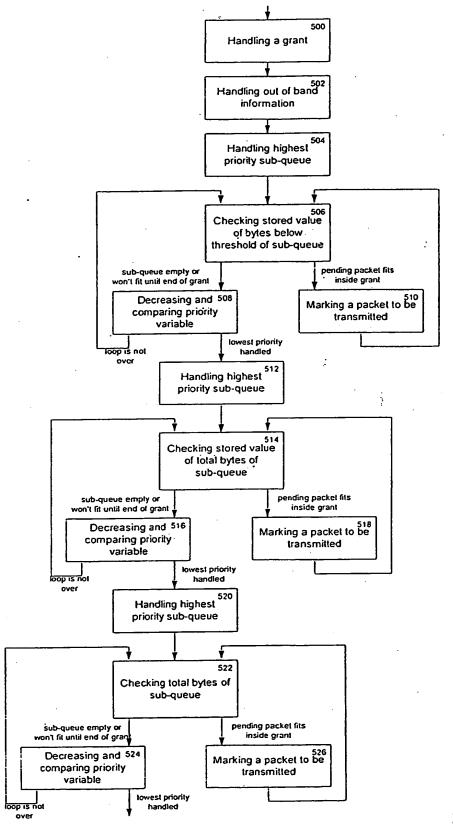
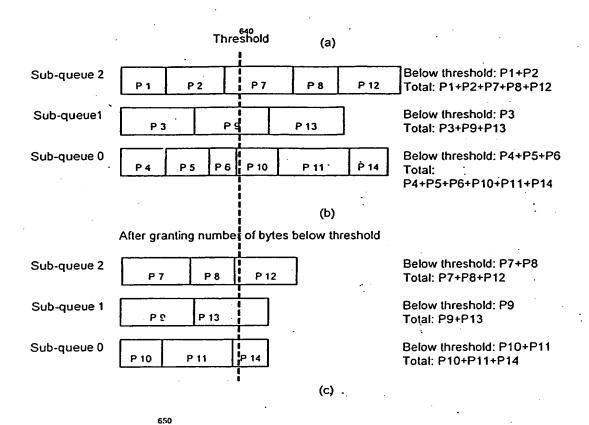


FIG 5



Stored for future transmission, and not reported

Sub-queue 2

P 1

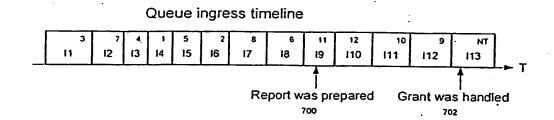
P 2

Sub-queue 1

Sub-queue 0 P4 P5 P6

P 3

FIG 6.



Queue state at grant receive time

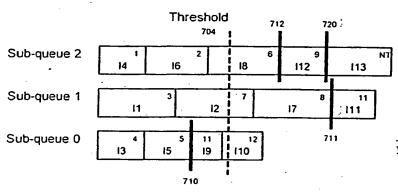
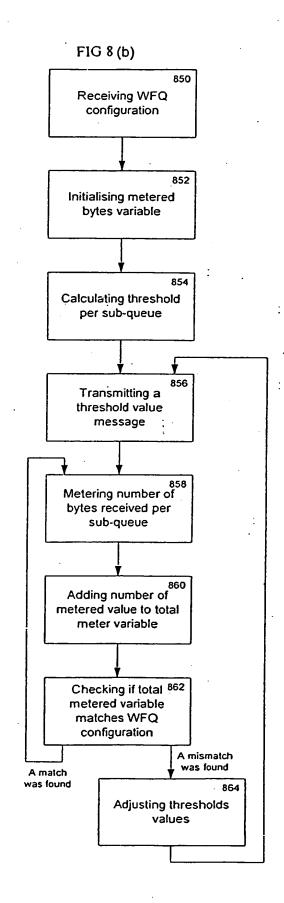


FIG 7

Receiving a report message by an OLT

802
Calculating a grant length

804
Transmitting a grant message



10/525508

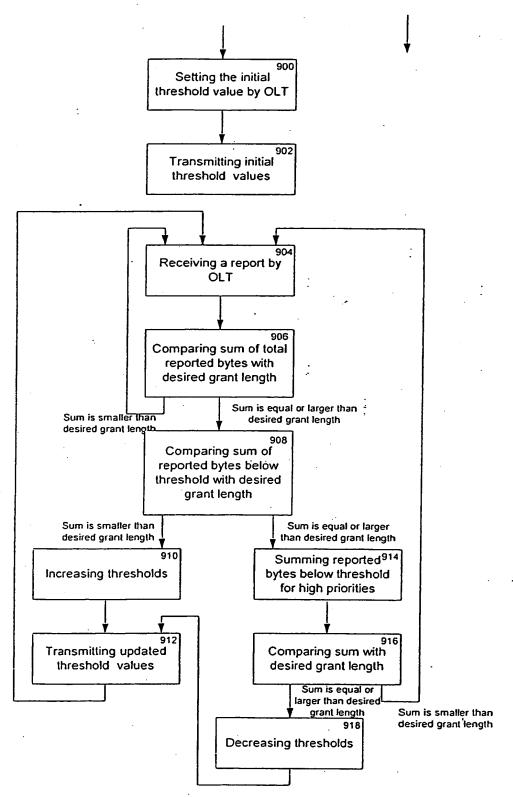


FIG9

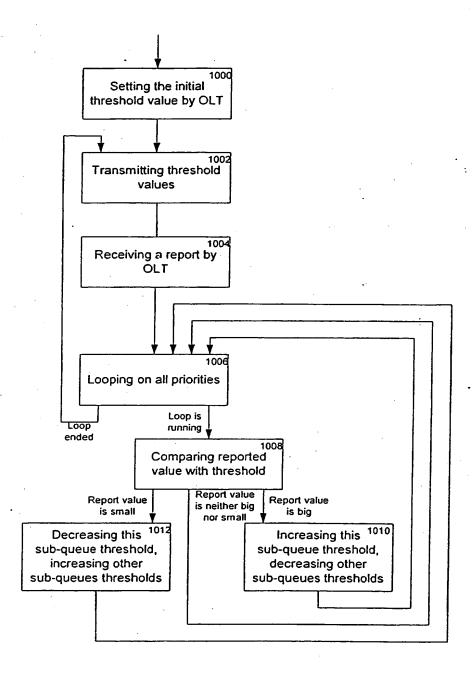


FIG 10.

17.00 March 18.00 M

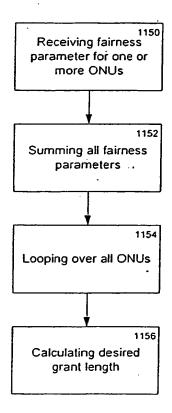


FIG 11

